

IN THE CLAIMS

Claims 1-40: Canceled.

41. (Currently Amended) An interface material for electronic devices comprising at least one compliant resin material and at least one solder material comprising indium, silver, copper, aluminum, tin, bismuth, gallium and alloys thereof, silver-coated copper, silver-coated aluminum and combinations thereof.
42. (Previously Presented) The interface material of claim 41, wherein the interface material comprises at least about 50 weight percent of the at least one solder material.
43. (Previously Presented) The interface material of claim 41, wherein the interface material further comprises at least one wetting enhancer.
44. (Previously Presented) The interface material of claim 41 wherein the at least one resin material comprises a silicone resin.
45. (Previously Presented) The interface material of claim 43, wherein the silicone resin comprises a vinyl terminated siloxane, a reinforcing additive, a crosslinker and a catalyst.
46. (Previously Presented) The interface material of claim 44, wherein the vinyl terminated siloxane is vinyl silicone.
47. (Previously Presented) The interface material of claim 44, wherein the reinforcing additive is vinyl Q resin.
48. (Previously Presented) The interface material of claim 44, wherein the crosslinker comprises a hydride functional siloxane.
49. (Previously Presented) The interface material of claim 44, wherein the catalyst comprises a platinum complex.
50. (Currently Amended) The interface material of claim [[8]] 49, wherein the platinum complex is a platinum-vinylsiloxane compound.
51. (Previously Presented) The interface material of claim 42, wherein the wetting enhancer

comprises an organo-titanite compound.

52. (Previously Presented) The interface material of claim 41, wherein the at least one solder material comprises an indium-based alloy or compound.
53. (Currently Amended) The interface material of claim [[11]] 52, wherein the indium-based alloy or compound comprises InSn, InAg or In.
54. (Previously Presented) The interface material of claim 41, wherein the at least one solder material comprises a tin-based alloy or compound.
55. (Currently Amended) The interface material of claim [[43]] 54, wherein the tin-based alloy or compound comprises SnAgCu or SnBi.
56. (Previously Presented) The interface material of claim 41, wherein the interface material comprises one of an aluminum or an aluminum-based alloy or compound.
57. (Previously Presented) The interface material of claim 41, further comprising a filler material..
58. (Previously Presented) The interface material of claim 56, wherein the filler material comprises carbon microfibers.
59. (Previously Presented) The interface material of claim 41, wherein the at least one resin material is also crosslinkable.
60. (Previously Presented) The interface material of claim 42, wherein the at least one solder material is present in an amount of at least about 60 weight percent.
61. (Previously Presented) The interface material of claim 60, wherein the at least one solder material is present in an amount of at least about 70 weight percent.
62. (Previously Presented) The interface material of claim 61, wherein the at least one solder material is present in an amount of at least about 80 weight percent.
63. (Previously Presented) A layered material comprising the interface material of claim 41.
64. (Previously Presented) A layered material comprising the interface material of claim 42.